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Figure 1

General formula (A)

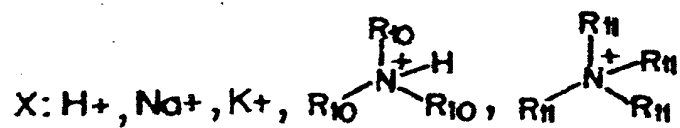
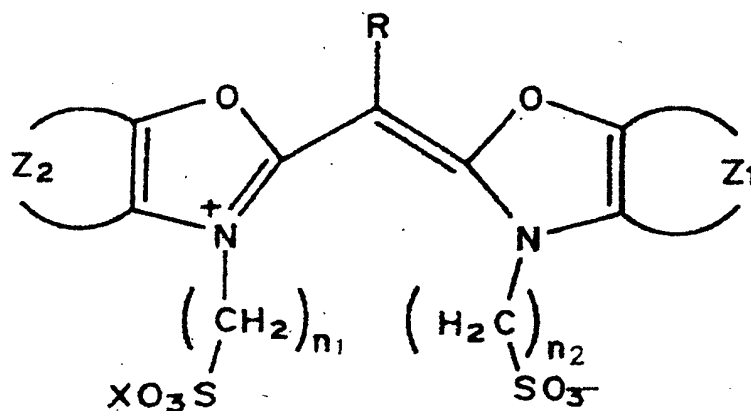
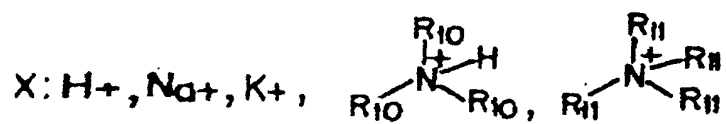
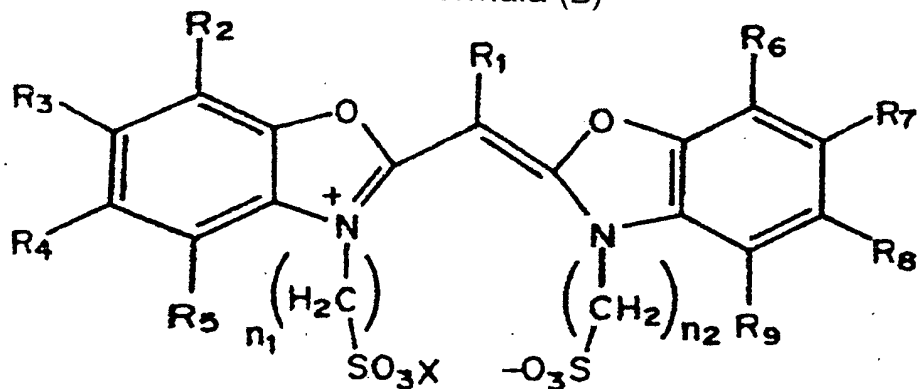


Figure 2

General formula (B)



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Figure 3

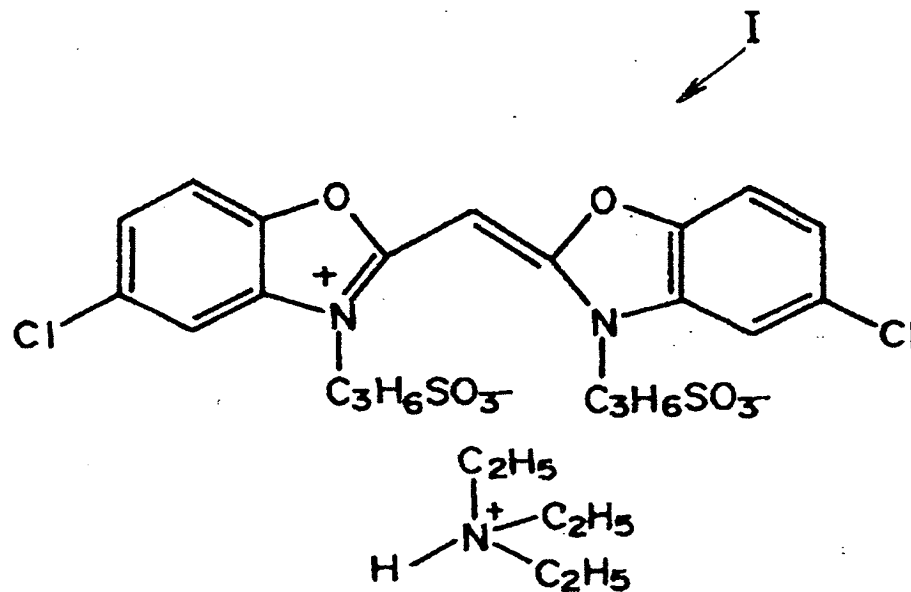
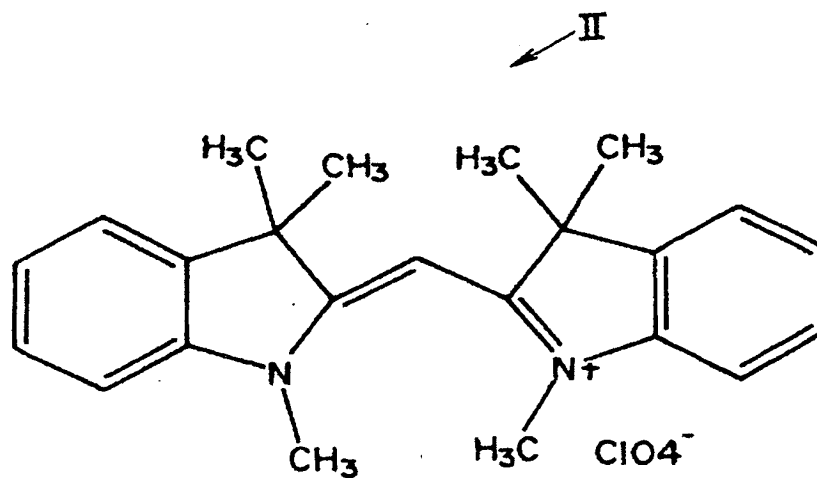


Figure 4



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Figure 5

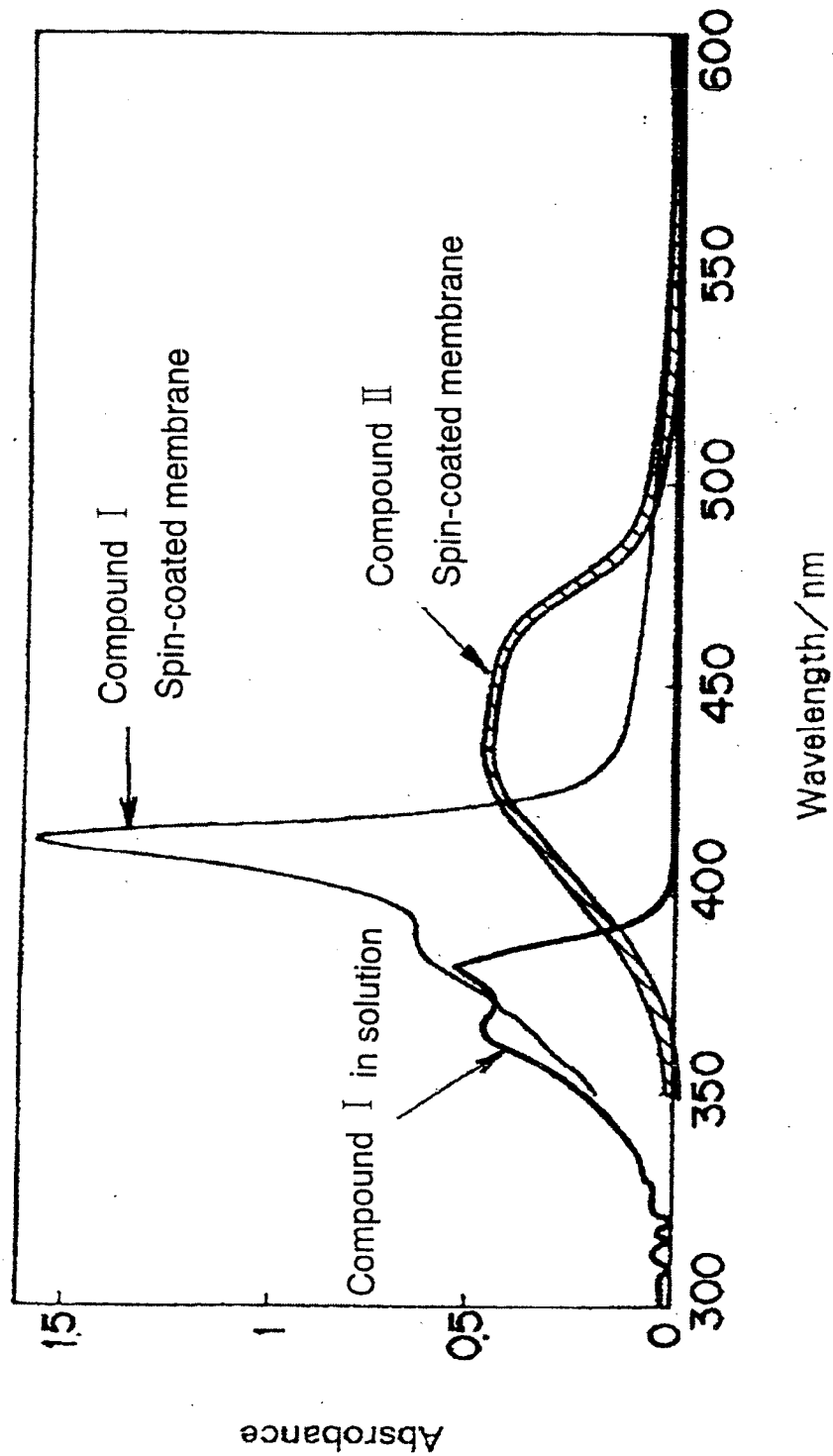


Figure 6

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Table 1

	Refractive index / n (at420nm)	Extinction coefficient / k (at420nm)
Compound ( I ) membrane	2.91	0.31
Compound ( II ) membrane	1.40	0.4

Figure 7

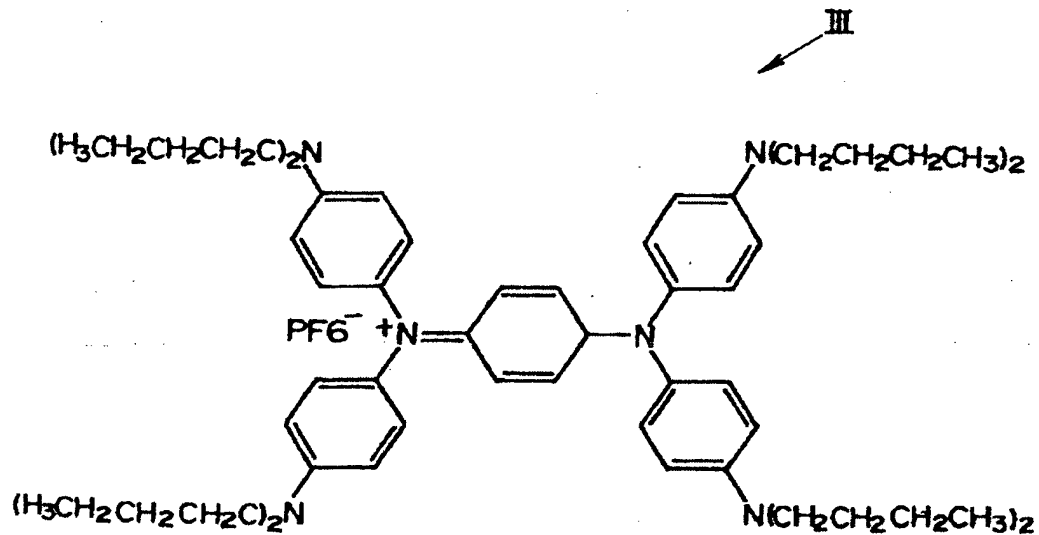


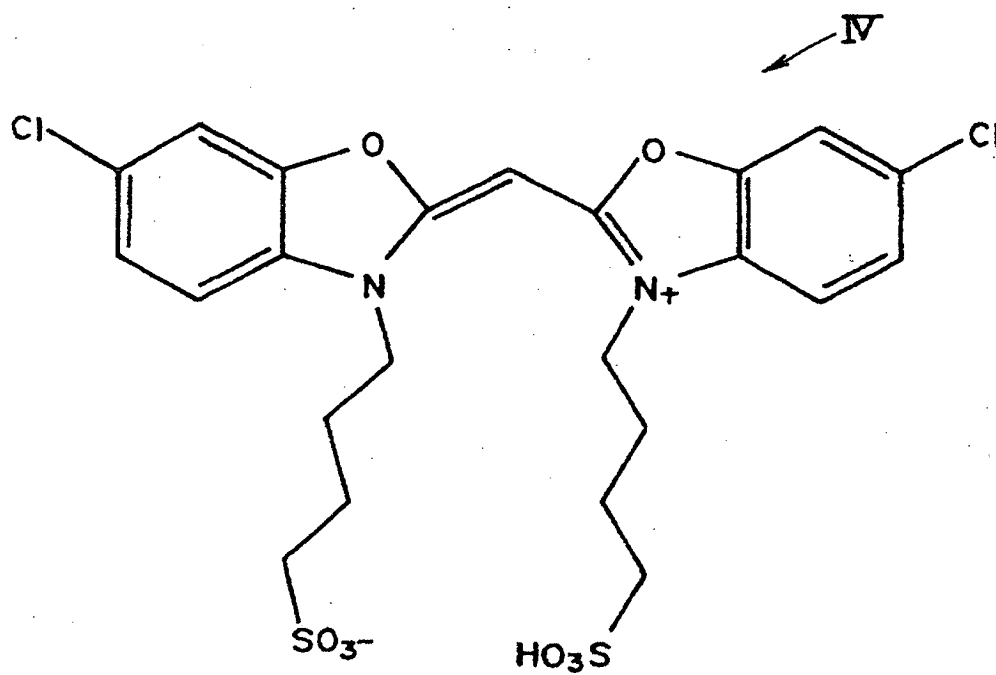
Figure 8

Table 2

	Recording sensitivity(1x) / mw	8T C/N dB	2T C/N dB
I + III	8.0mW	56	36.5
II	12.5mW	54	28.2

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Figure 9



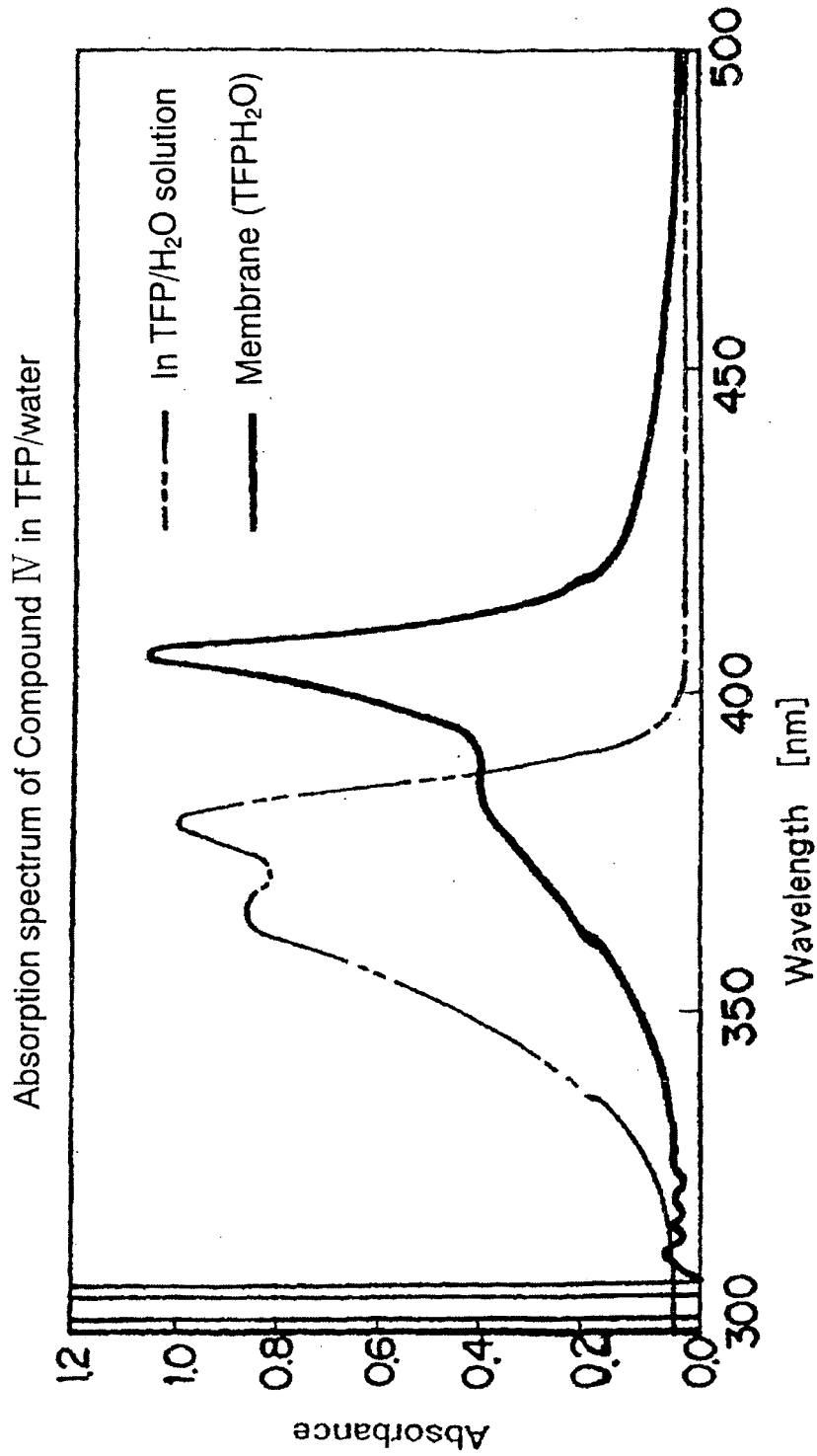
5

10

15

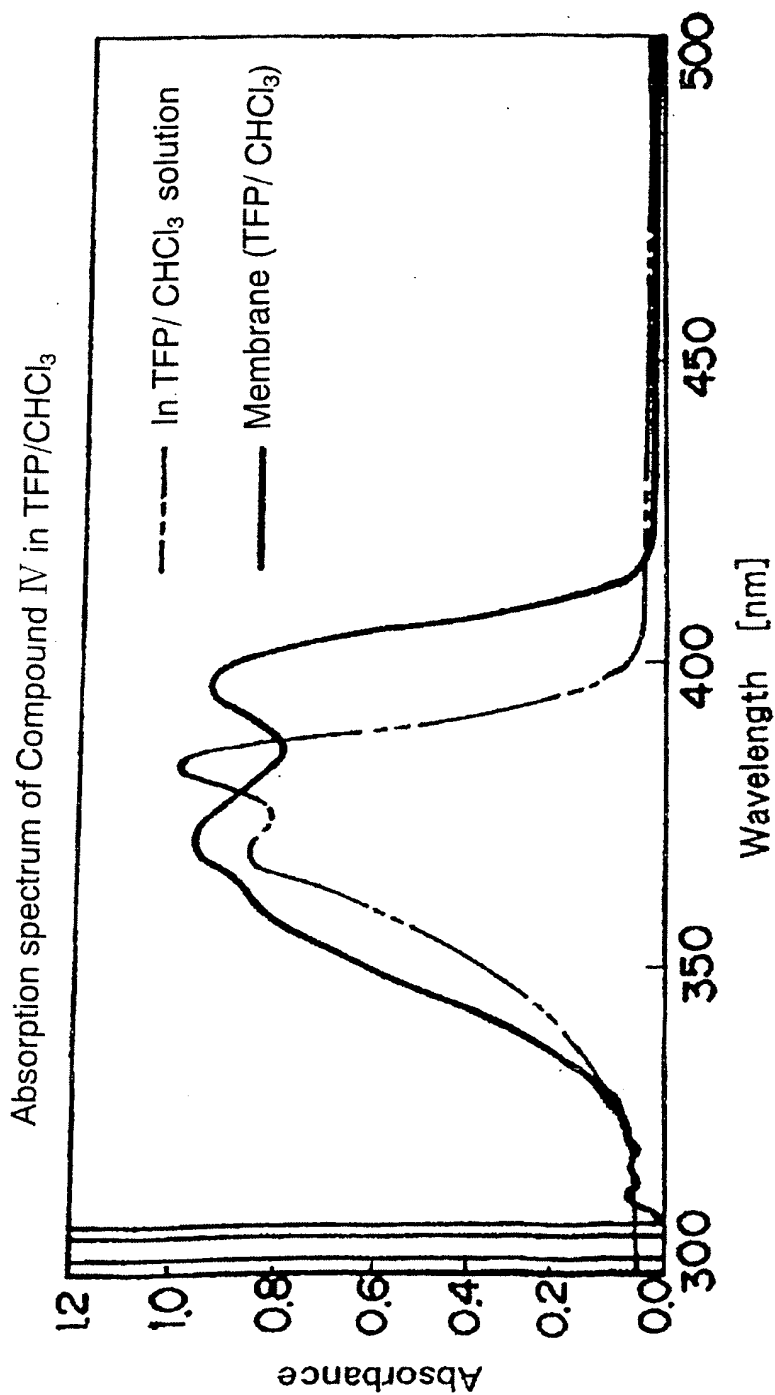
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Figure 10



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Figure 11



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Figure 12

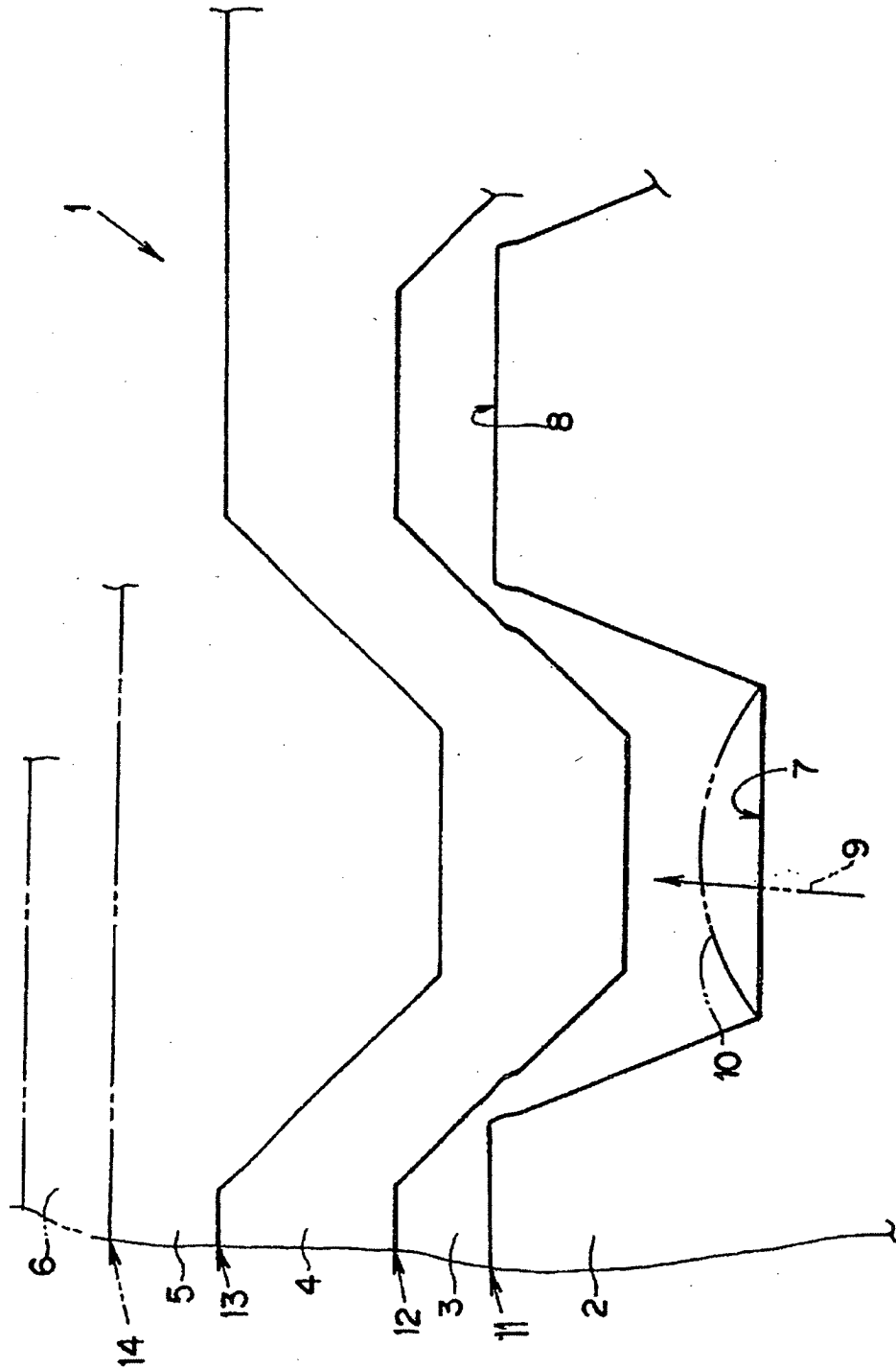




Figure 13

